



#5

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<120> Immunological Methodology for Discerning Human Papillomavir
us

<130> 146-1-002

<140> 09/828,645

<141> 2001-04-05

<150> US 60/194,796

<151> 2000-04-05

<160> 8

<170> PatentIn version 3.1

<210> 1

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Derived from theE2 early region of HPV-16

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Asp Ile Cys Asn Thr Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile
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Cys Glu Glu

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His Lys Ser Ala Ile Val Thr Leu Thr Tyr Asp Ser Glu Trp Gln Arg

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Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr Asp
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Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu
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Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile
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Arg Thr Leu Glu
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<210> 5
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Thr Lys Phe

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<400> 6

Asp	Ile	Xaa	Asn	Thr	Met	His	Tyr	Thr	Asn	Trp	Thr	His	Ile	Tyr	Ile
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Xaa Glu Glu

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Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr Asp
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Leu Tyr Xaa Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu
 20 25 30

<210> 8
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Xaa Asp Ser Thr Leu Arg Leu Xaa Val Gln Ser Thr His Val Asp Ile
 1 5 10 15

Arg Thr Leu Glu
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